504107686 11/22/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4154355

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
REINER KRIPP	06/09/2015
ANDREA SEIBERT	08/12/2015
DIRK FRIES	06/09/2015
ACHIM FEBENBECKER	06/09/2015
THOMAS RUEHLE	07/03/2015

RECEIVING PARTY DATA

Name:	BASF SE
Street Address:	
City:	LUDWIGSHAFEN
State/Country:	GERMANY
Postal Code:	67056
Name:	WINTERSHALL HOLDING GMBH
Name: Street Address:	WINTERSHALL HOLDING GMBH FRIEDRICH-EBERT-STR. 160
Street Address:	FRIEDRICH-EBERT-STR. 160

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15312855

CORRESPONDENCE DATA

Fax Number: (302)351-6938

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email:amy.hamm@dbr.comCorrespondent Name:ASHLEY I. PEZZNERAddress Line 1:222 DELAWARE AVE

Address Line 4: WILMINGTON, DELAWARE 19801

ATTORNEY DOCKET NUMBER:	074008-1770-US-549150
NAME OF SUBMITTER:	ASHLEY I. PEZZNER

PATENT 504107686 REEL: 040402 FRAME: 0842

SIGNATURE: /Ashley I. Pezzner/	
DATE SIGNED:	11/22/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 5 source=Assignment_Declarations#page source=Assignment_Declarations#page source=Assignment_Declarations#page source=Assignment_Declarations#page source=Assignment_Declarations#page	e2.tif e3.tif e4.tif

PATENT REEL: 040402 FRAME: 0843

Title of Invention			
As the below named inventor, I hereby declare that:			
This declaration	on [] The attached application, or		
is directed to:	[X] United States application or PCT international application number PCT/EP2015/060995 filed on 19th May 2015		
The above-ide	ntified application was made or authorized to be made by me.		
I believe that I	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
	ASF SE having places of business at: 67056 Ludwigshafen, Germany,		
and WINTERSHAL	L HOLDING GMBH		
	of business at: Friedrich-Ebert-Str. 160, 34119 Kassel, Germany,		
(hereinafter referred to as "ASSIGNEE(S)") is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;			
acknowledged the said inven- to claim priori Arrangements Patent which r	EREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby I, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to tion in the United States and its territorial possessions and in all foreign countries (including the right try under the terms of the International Convention and other relevant International Treaties and from the aforesaid application) and the entire right, title and interest in and to any and all Letters may be granted therefor in the United States and its territorial possessions and in any and all foreign in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
any and all for the assignee ASSIGNEE(S)	thorize and request the Patent Office Officials in the United States and its territorial possessions and reign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as of my entire right, title and interest in and to the same, for the sole use and behoof of said its (his) successors and assigns, to the full end of the term for which said Letters Patent may be lively and entirely as the same would have been held by me had this Assignment and sale not been		
respecting sa continuation, s and all of sai everything pos	gree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me id invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any d Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do ssible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper said invention in the United States and its territorial possessions and in any and all foreign countries.		
	cknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. r imprisonment of not more than five (5) years, or both.		
LEGAL NAME OF INVENTOR			
Inventor: Re	einer Kripp Date: <u>09,86.2045</u>		
Signature:			

PATENT_{1/2012}
REEL: 040402 FRAME: 0844

Invention	
As the below na	amed inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	[X] United States application or PCT international application number PCT/EP2015/060995 filed on 19th May 2015
The above-iden	tified application was made or authorized to be made by me.
believe that I a	am the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, BA	SF SE having places of business at: 67056 Ludwigshafen, Germany,
WINTERSHALL having places of	HOLDING GMBH of business at: Friedrich-Ebert-Str. 160, 34119 Kassel, Germany,
is desirous of a	ferred to as "ASSIGNEE(S)") icquiring the entire right, title and interest in and to said invention and in and to any Letters Patent ranted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged, the said invention to claim priority Arrangements the Patent which m	REFORE, for good and valuable consideration the receipt and sufficiency of which is hereby I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to on in the United States and its territorial possessions and in all foreign countries (including the right y under the terms of the International Convention and other relevant International Treaties and from the aforesaid application) and the entire right, title and interest in and to any and all Letters any be granted therefor in the United States and its territorial possessions and in any and all foreign and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
any and all fore the assignee o ASSIGNEE(S),	horize and request the Patent Office Officials in the United States and its territorial possessions and eign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as of my entire right, title and interest in and to the same, for the sole use and behoof of said its (his) successors and assigns, to the full end of the term for which said Letters Patent may be y and entirely as the same would have been held by me had this Assignment and sale not been
respecting said continuation, su and all of said everything pos	ree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, obstitute, renewal and reissue applications, execute all necessary assignment papers to cause any Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do sible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper aid invention in the United States and its territorial possessions and in any and all foreign countries.
	knowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both.
LEGAL NAME	OF INVENTOR
Inventor: And	drea Seibert Date: <u>ਪ੍ਰਿਸ਼ਤੀ ਪ੍ਰ</u>
Signature:	347

PATENT_{1/2012}
REEL: 040402 FRAME: 0845

Title of Invention			
As the below named inventor, I hereby declare that:			
This declaration	n [] The attached application, or		
is directed to:	[X] United States application or PCT international application number PCT/EP2015/060995 filed on 19th May 2015		
The above-ide	The above-identified application was made or authorized to be made by me.		
I believe that I	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
WHEREAS, B.	ASF SE having places of business at: 67056 Ludwigshafen, Germany,		
WINTERSHAL having places (hereinafter re	L HOLDING GMBH of business at: Friedrich-Ebert-Str. 160, 34119 Kassel, Germany, eferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent		
	granted therefore in the United States and its territorial possessions and in any and all foreign		
acknowledged the said invent to claim priori Arrangements Patent which r	EREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby , I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to tion in the United States and its territorial possessions and in all foreign countries (including the right try under the terms of the International Convention and other relevant International Treaties and from the aforesaid application) and the entire right, title and interest in and to any and all Letters may be granted therefor in the United States and its territorial possessions and in any and all foreign in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
any and all for the assignee ASSIGNEE(S)	thorize and request the Patent Office Officials in the United States and its territorial possessions and reign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as of my entire right, title and interest in and to the same, for the sole use and behoof of said its (his) successors and assigns, to the full end of the term for which said Letters Patent may be lly and entirely as the same would have been held by me had this Assignment and sale not been		
Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.			
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
LEGAL NAME OF INVENTOR			
Inventor: Di	0 9. JUNI 2015 Date:		
Signature:			

PATENT 11/2012
REEL: 040402 FRAME: 0846

Inte of Invention			
As the below r	amed inventor, I hereby declare	that:	
This declaration	n [] The attached application	or	
is directed to:	[X] United States application filed on 19th May 2015	or PCT international application number PCT/EP2015/060995	
The above-ide	ntified application was made or a	uthorized to be made by me.	
I believe that I	am the original inventor or an orig	ginal joint inventor of a claimed invention in the application.	
and WINTERSHAL	WHEREAS, BASF SE having places of business at: 67056 Ludwigshafen, Germany, and WINTERSHALL HOLDING GMBH having places of business at: Friedrich-Ebert-Str. 160, 34119 Kassel, Germany,		
(hereinafter re	eferred to as "ASSIGNEE(S)") acquiring the entire right, title an	d interest in and to said invention and in and to any Letters Patent States and its territorial possessions and in any and all foreign	
acknowledged the said invent to claim priori Arrangements Patent which r	, I, by these presents do assign a tion in the United States and its to ty under the terms of the Interr from the aforesaid application) a may be granted therefor in the Ur	ole consideration the receipt and sufficiency of which is hereby and transfer unto said ASSIGNEE(S), the full and exclusive right to erritorial possessions and in all foreign countries (including the right national Convention and other relevant International Treaties and and the entire right, title and interest in and to any and all Letters lited States and its territorial possessions and in any and all foreign ssues, continuations, substitutions and renewals thereof.	
any and all for the assignee ASSIGNEE(S)	reign countries to issue any and of my entire right, title and into , its (his) successors and assign	ffice Officials in the United States and its territorial possessions and all of said Letters Patent, when granted, to said ASSIGNEE(S) as erest in and to the same, for the sole use and behoof of said s, to the full end of the term for which said Letters Patent may be all have been held by me had this Assignment and sale not been	
respecting sail continuation, said all of sail everything pos	d invention, and testify in any substitute, renewal and reissue a d Letters Patent to be issued t ssible to aid said ASSIGNEE(S)	aid ASSIGNEE(S) or its (his) representatives any facts known to me legal proceeding, sign all lawful papers, execute all divisional, oplications, execute all necessary assignment papers to cause any o said ASSIGNEE(S), make all rightful oaths, and, generally do, its (his) successors and assigns, to obtain and enforce propers and its territorial possessions and in any and all foreign countries.	
	cknowledge that any willful false r imprisonment of not more than f	statement made in this declaration is punishable under 18 U.S.C. ive (5) years, or both.	
LEGAL NAME	OF INVENTOR		
Inventor: Ac	him Feßenbecker	0 9. JUNI 2015 Date:	
Signature:	Adim 4	Sulede	

PATENT_{1/2012}
REEL: 040402 FRAME: 0847

Invention			
As the below named inventor, I hereby declare that:			
This declaration	n [] The attached application, or		
is directed to:	[X] United States application or PCT international ap- filed on 19th May 2015	pplication number PCT/EP2015/060995	
The above-ide	ntified application was made or authorized to be made b	y me.	
I believe that I	am the original inventor or an original joint inventor of a	claimed invention in the application.	
and WINTERSHAL having places (hereinafter re is desirous of	WINTERSHALL HOLDING GMBH having places of business at: Friedrich-Ebert-Str. 160, 34119 Kassel, Germany, (hereinafter referred to as "ASSIGNEE(S)") is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign		
acknowledged the said invent to claim priori Arrangements Patent which r	EREFORE, for good and valuable consideration the r., I, by these presents do assign and transfer unto said Ation in the United States and its territorial possessions are ty under the terms of the International Convention and from the aforesaid application) and the entire right, titled and the granted therefor in the United States and its terrification and to any and all divisions, reissues, continuations, second	ASSIGNEE(S), the full and exclusive right to and in all foreign countries (including the right of other relevant International Treaties and e and interest in and to any and all Letters torial possessions and in any and all foreign	
any and all for the assignee ASSIGNEE(S)	thorize and request the Patent Office Officials in the Unit reign countries to issue any and all of said Letters Pate of my entire right, title and interest in and to the sa i, its (his) successors and assigns, to the full end of the fly and entirely as the same would have been held by	ent, when granted, to said ASSIGNEE(S) as ame, for the sole use and behoof of said te term for which said Letters Patent may be	
respecting sai continuation, s and all of sai everything pos	gree that I will communicate to said ASSIGNEE(S) or its id invention, and testify in any legal proceeding, sign substitute, renewal and reissue applications, execute all d Letters Patent to be issued to said ASSIGNEE(S), said invention in the United States and its territorial possessid invention in the United States and its territorial possessid invention.	n all lawful papers, execute all divisional, necessary assignment papers to cause any make all rightful oaths, and, generally do and assigns, to obtain and enforce proper	
	cknowledge that any willful false statement made in this rimprisonment of not more than five (5) years, or both.	s declaration is punishable under 18 U.S.C.	
LEGAL NAME	OF INVENTOR	3/2015	
Inventor: Th	mas Ruehle Thomas Zill	Date:	
• • • • • • • • • • • • • • • • • • •			

PATENT 1/2012
REEL: 040402 FRAME: 0848